

## TECHNICAL DATA SHEET

<b>Date</b>	<b>19/10/2011</b>	<b>Revision</b>	<b>0</b>
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**Main Data:**

<b>Type</b>	<b>THREE PHASE TRANSFORMER</b>
<b>Euroelettro Code</b>	<b>CFYTTG01000</b>
<b>Customer Code</b>	/
<b>Customer Specifications</b>	/

**Electrical Characteristics:**

<b>Rated Power</b>	<b>100</b>	kVA		
<b>Service factor</b>	<b>S1</b>			
<b>N° Phases</b>	<b>3</b>			
<b>Rated Frequency</b>	<b>50</b>	Hz		
<b>Winding</b>	<b>V1</b>	<b>V2</b>	<b>V3</b>	<b>V4</b>
<b>Rated Voltage (ph-ph) no load</b>	<b>420</b>	<b>400</b>		
<b>Rated Voltage (ph-ph) to load</b>	<b>400</b>	<b>400</b>		
<b>Winding power</b>	<b>100</b>	<b>100</b>		
<b>Taps</b>	/	/		
<b>Connection Type</b>	<b>STAR+N</b>	<b>DELTA</b>		
<b>Insulation Level</b>	<b>1,1/-3/--</b>	<b>1,1/-3/--</b>		
<b>Type of insulation treatment</b>	<b>VPI</b>	<b>VPI</b>		
<b>Electrostatic Shield</b>	<b>NO</b>			
<b>Vector Group</b>	<b>YNd1</b>			
<b>Uk%</b>	<b>4,5</b>		at 115°C	
<b>No Load Losses</b>	<b>610</b>	W	at V1 rated voltage	
<b>Load Losses</b>	<b>2480</b>	W	at 115°C	
<b>Other Characteristics</b>				

**Design Characteristics:**

<b>Windings Material</b>	<b>AL</b>			
<b>Installation Altitude</b>	<b>&lt;1000</b>	m (asl)	<b>Installation site</b>	<b>INDOOR</b>
<b>Ambient Temperature</b>	<b>40</b>	°C		
<b>Cooling Type</b>	<b>AN</b>			
<b>Insulation Class</b>	<b>H</b>			
<b>Temperature Rise Class</b>	<b>H</b>			
<b>Other Design Characteristics</b>				
<b>Reference Standards</b>	<b>IEC 60076</b>			

**Metal Enclosure:**

<b>IP Grade</b>	<b>21</b>	<b>Colour</b>	<b>7035</b>	<b>Installation</b>	<b>INDOOR</b>
<b>Metal Box Accessories</b>					

**Transformer Accessories:**


**Mechanical Characteristics:**

<b>Transformer</b>	<b>Dimensions IP00</b>	<b>400x670x570</b>	(WxDxH)	mm
	<b>Fixing Hole Distance</b>	<b>560x240</b>	(WxD)	mm
	<b>Weight</b>	<b>352</b>		kg
<b>Metal Enclosure</b>	<b>Dimensions</b>	<b>860x735x815</b>	(WxDxH)	mm
	<b>Fixing Hole Distance</b>	<b>560x695</b>	(WxD)	mm
	<b>Weight</b>	<b>422</b>		kg